

# BOD Incubator - Classic Cooling Series

## Introduction:

GENESIS (GLSi®) BOD Incubator classic cooling series are specially designed to achieve extreme dryness by evaporating all moisture contents from the biomass or other material. Microprocessor control helps in achieving precise high temperature with forced convection. Suitable for varied applications in laboratories and scientific research institutions.

## Applications:

- Ideal for preservation of vaccines, study of synthesizing organisms, life cycle testing, shelf-life studies, general incubation, refrigerated storage, cell culture process of animals & plants, microorganisms' cultivation & desalting process of enzyme extract in Biology, Botany Virology, Oceanography, water pollution, sewage, agriculture, food and research departments.

## Standard Features:

- Stainless steel inner chamber.
- Four square semicircle transition, convenient to clean.
- CFC-free refrigeration with double door seal, tempered glass, silicon rubber seal.
- Chamber illumination with fluorescent light(s).
- Outer door made of MS steel with door lock facility.
- Micro-computer control system; LED display with functions of time setting, parameter memorizing and power reset recovering (Optional).

## Standard Utilities Required:

- Ideal performance under ambient dust free conditions not exceeding 24°C.
- Not recommended for operation in the temperature band 40-50°C.
- Well-ventilated room: with space of at least one foot all around Stabiliser recommended.
- Electric Supply: 230 VAC, 50 Hz, Single Phase with an MCB of appropriate rating other voltages/frequency available on request.



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## Advantages:

- Environment friendly CFC free hermetically sealed compressor.
- Air-circulating fans to maintain uniform temperature.
- Shelves - adjustable - made of stainless-steel wire mesh.
- Electric overload safety.
- Monitor samples without disturbing samples through the crevice free frameless, tempered inner glass door.

<b>Temperature range</b>	5°C to 60°C (Standard).
<b>Temperature Sensitivity</b>	± 0.5°C.
<b>Temperature Sensor</b>	PT-100.
<b>Temperature Controller</b>	Microprocessor based PID controller.
<b>Display</b>	7 Segment LED Dual Display.
<b>Inner Chamber</b>	Made of Stainless Steel 304.
<b>Outer Chamber</b>	Made of Mild Steel with powder coating.
<b>Insulation</b>	Suitable insulation.

All electrical appliances work on 230VAC, 50Hz, single phase. Other Voltages available on request.  
Due to continuous improvement in design, the product supplied may have modified features.

Model	Chamber L / CuFt	Internal Dimension W/D/H	Shelves
#20070DM	70 / 3.0	15 x 15 x 18 inch	2 nos.
#20030DM	130 / 4.5	18 x 18 x 24 inch	3 nos.
#20095DM	195 / 6.5	20 x 20 x 30 inch	3 nos.
#20038DM	238 / 8.5	22 x 22 x 30 inch	4 nos.
#20085DM	285 / 10	24 x 24 x 30 inch	5 nos.
#20040DM	340 / 12	24 x 24 x 36 inch	6 nos.

- Content may be subject to modifications or corrections.